

## MIDDLE SNAKE RIVER BASIN-BOISE, BRUNEAU RIVER BASIN

13162225 JARBIDGE RIVER BELOW JARBIDGE, NV

LOCATION.--Lat 41°53'26", long 115°25'40" referenced to North American Datum of 1927, in SW 1/4 NW 1/4 sec. 09, T.46 N., R.58 E., Elko County, Hydrologic Unit 17050102, in Humboldt National Forest, on right bank, 1.0 mi north of Jarbridge.

DRAINAGE AREA.--30.6 mi<sup>2</sup>.

PERIOD OF RECORD.--April 1998 to current year.

GAGE.--Water-stage recorder. Elevation of gage is 6,050 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. See schematic diagram of Middle Snake River Basin - Boise and Upper Snake River Basins.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 824 ft<sup>3</sup>/s, May 24, 1999, gage height, 5.50 ft; minimum daily, 2.5 ft<sup>3</sup>/s, August 23, 26, 29, 30, September 16, 2000, and September 11, 2001.

EXTREMES FOR CURRENT YEAR.--Maximum discharge, 320 ft<sup>3</sup>/s, May 28, gage height, 4.88 ft; minimum daily discharge, 2.7 ft<sup>3</sup>/s, November 1.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	2.7	5.2	4.7	e6.7	8.2	44	74	153	27	7.4	4.8
2	4.0	3.1	4.5	6.3	6.4	8.1	42	99	171	25	7.5	5.0
3	4.2	3.5	4.2	6.2	6.5	8.4	50	146	194	25	7.3	5.3
4	4.1	3.4	4.0	e5.8	6.2	8.2	66	199	215	22	6.9	5.6
5	4.1	3.3	4.4	e5.4	e6.0	8.3	78	244	240	20	6.6	5.3
6	4.1	3.2	4.7	e5.0	e6.0	8.2	92	226	226	19	6.7	5.1
7	4.0	3.5	6.3	4.6	5.9	8.5	110	212	218	16	6.6	4.8
8	3.8	3.6	4.7	4.6	5.8	12	103	197	186	16	6.4	4.5
9	3.8	3.9	5.4	4.6	5.9	17	89	181	149	16	6.1	4.3
10	3.7	3.7	5.1	4.6	e6.0	20	75	179	129	15	5.7	4.1
11	3.9	3.7	4.5	e4.6	e6.1	22	68	142	105	13	5.4	4.0
12	3.9	3.6	4.2	e4.6	e6.3	24	71	120	89	12	5.3	4.0
13	3.8	3.7	4.7	e4.6	e6.4	26	81	105	80	11	5.2	4.2
14	4.0	3.5	4.3	e4.6	6.7	28	79	90	84	10	5.2	4.4
15	4.0	3.7	4.5	e4.6	6.7	26	67	82	89	10	5.6	4.4
16	4.0	3.6	e4.4	e4.6	7.1	27	58	79	84	10	6.0	4.4
17	4.0	3.7	4.3	e4.6	8.7	31	53	85	76	10	8.9	4.1
18	3.9	3.9	4.2	e4.6	9.4	37	46	100	70	10	7.5	4.5
19	3.7	4.1	4.9	e4.6	8.6	47	41	106	66	11	6.1	9.5
20	3.6	4.0	4.9	e4.6	9.9	52	38	107	62	15	6.1	11
21	3.6	3.6	4.6	e4.6	e9.7	60	36	107	57	12	6.8	8.1
22	3.6	3.5	4.1	e4.6	9.4	69	34	108	52	12	5.9	7.6
23	3.5	5.7	4.6	e5.0	8.9	76	39	111	48	11	5.9	7.6
24	3.5	3.8	4.6	e5.5	9.2	77	46	98	43	10	5.9	7.4
25	3.4	3.4	4.6	e6.0	8.9	63	50	89	40	10	5.6	7.2
26	3.4	3.3	4.3	6.5	9.0	52	59	86	39	9.6	8.1	7.1
27	3.5	3.9	4.6	6.6	8.3	42	79	121	35	9.1	7.4	7.1
28	3.6	3.5	5.0	6.4	8.2	34	95	227	33	8.4	6.2	6.5
29	3.5	5.4	e4.8	6.5	7.8	31	84	223	31	8.3	5.6	6.6
30	3.5	8.8	4.6	6.5	---	36	72	174	29	8.1	5.4	6.7
31	3.0	---	4.4	6.9	---	44	---	152	---	7.8	5.2	---
TOTAL	116.4	116.3	143.6	162.9	216.7	1,010.9	1,945	4,269	3,093	419.3	196.5	175.2
MEAN	3.75	3.88	4.63	5.25	7.47	32.6	64.8	138	103	13.5	6.34	5.84
MAX	4.2	8.8	6.3	6.9	9.9	77	110	244	240	27	8.9	11
MIN	3.0	2.7	4.0	4.6	5.8	8.1	34	74	29	7.8	5.2	4.0
AC-FT	231	231	285	323	430	2,010	3,860	8,470	6,130	832	390	348

## STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1998 - 2004, BY WATER YEAR (WY)

MEAN	5.05	5.80	5.53	6.02	7.09	16.1	46.8	134	108	17.6	5.67	4.70
MAX	8.33	9.66	7.52	6.64	8.47	32.6	64.8	170	189	55.4	9.15	6.86
(WY)	(1999)	(1999)	(1999)	(1999)	(2001)	(2004)	(2004)	(1999)	(1998)	(1998)	(1998)	(1998)
MIN	3.66	3.88	4.63	5.22	5.42	9.46	27.5	105	28.5	6.96	3.02	3.06
(WY)	(2002)	(2004)	(2004)	(2001)	(2002)	(2002)	(2001)	(2000)	(2001)	(2000)	(2000)	(2001)

SUMMARY STATISTICS	FOR 2003 CALENDAR YEAR	FOR 2004 WATER YEAR	WATER YEARS 1998 - 2004
ANNUAL TOTAL	10,129.4	11,864.8	
ANNUAL MEAN	27.8	32.4	28.6
HIGHEST ANNUAL MEAN			39.1
LOWEST ANNUAL MEAN			19.4
HIGHEST DAILY MEAN	428	May 28	541 May 30, 1999
LOWEST DAILY MEAN	2.7	Nov 1	2.5 Aug 23, 2000
ANNUAL SEVEN-DAY MINIMUM	3.2	Oct 31	2.6 Aug 23, 2000
MAXIMUM PEAK FLOW		320 May 28	824 May 24, 1999
MAXIMUM PEAK STAGE		4.88 May 28	5.50 May 24, 1999
ANNUAL RUNOFF (AC-FT)	20,090	23,530	20,730
10 PERCENT EXCEEDS	60	98	78
50 PERCENT EXCEEDS	6.1	7.1	6.9
90 PERCENT EXCEEDS	3.7	3.8	4.0

e Estimated